

High definition multimedia interface connector

Abstract

The present invention provides a high definition multimedia interface (HDMI) connector comprising an insulated housing assembly, a metallic housing assembly, a plastic outer shell and a front cover, wherein the insulated housing assembly consists of an insertion portion and a back end wiring block, both are integrated through a multiple locking mechanism when the terminal is inserted in place, and said metallic housing assembly consists of the metallic front shell and rear shell. The metallic front shell may accommodate said insertion portion, and the metallic front shell and the insulated housing assembly are further interlocked by use of the latch slots on said metallic front shell and the latch lugs on the insertion of the insulated housing assembly, followed by integrating the combined metallic front shell and insulated housing assembly with the metallic rear shell to form a closed metallic housing assembly, and then the metallic housing assembly is placed into the plastic outer shell, and the front cover is attached around the front part of the connector, whereby the buckle on the

front cover interlocks with a notch on the plastic outer shell, and the metallic housing assembly is solidified inside the plastic outer shell, and the assembly of the HDMI plug connector is completed.